Total survey respondents: 5476 Response rate: 97.3 %

Engaging and Supporting All Students in Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

Use knowledge of students' strengths and prior experiences to engage them in learning.	5374	98.1%		
them in learning	DNR 102	1.9%		
1 = Not at all	7	0.1%	4.43	
2 = Poorly	53	1.0%	0.73	5
3 = Adequately	564	10.5%		
4 = Well	1725	32.1%		
5 = Very well	3025	56.3%		
2. Connect also were leading to the week world	5372	98.1%		
2. Connect classroom learning to the real world	DNR 104	1.9%		
1 = Not at all	14	0.3%	4.38	٨
2 = Poorly	74	1.4%	0.77	
3 = Adequately	649	12.1%		
4 = Well	1730	32.2%		
5 = Very well	2905	54.1%		
3. Engage students in inquiry, problem solving, and reflection to promote	5365	98.0%		
their critical thinking	DNR 111	2.0%		
1 = Not at all	12	0.2%	4.37	_
2 = Poorly	87	1.6%	0.78	
3 = Adequately	655	12.2%		
4 = Well	1777	33.1%		
5 = Very well	2834	52.8%		
4. Most the instructional people of English Japaners	4260	77.8%		
4. Meet the instructional needs of English learners	DNR1216	22.2%		
1 = Not at all	5	0.1%	4.49	^
2 = Poorly	32	0.8%	0.69	S
3 = Adequately	365	8.6%		
4 = Well	1318	30.9%		
5 = Very well	2540	59.6%		
5. Identify and address special learning needs with appropriate teaching	5362	97.9%		
strategies	DNR 114	2.1%		
1 = Not at all	31	0.6%	4.16	^
2 = Poorly	166	3.1%	0.88	
3 = Adequately	1000	18.6%		
4 = Well	1858	34.7%		
5 = Very well	2307	43.0%		

Creating and Maintaining Effective Environments for Student Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

6. Engage students in coope	erative group work as well as independent	5353	97.8%
learning		DNR 123	2.2%
1 =	Not at all	8	0.1%
2 =	Poorly	56	1.0%
3 =	Adequately	579	10.8%
4 =	Well	1694	31.6%
5 =	Very well	3016	56.3%

4.43 **Mean** 0.74 **SD**

Total survey respondents: 5476 Response rate: 97.3 %

7. Establish and maintain a students	safe and respectful learning environment for all	5352 DNR 124	97.7% 2.3%		
Students		124	2.5 /0		
1 =	Not at all	11	0.2%	4.53	Mean
2 =	Poorly	32	0.6%	0.70	SD
3 =	Adequately	468	8.7%		
4 =	Well	1422	26.6%		
5 =	Very well	3419	63.9%		
8. Create a productive learn	ing environment with high expectations for all	5338	97.5%		
students		DNR 138	2.5%		
1 =	Not at all	15	0.3%	4.46	Mean
2 =	Poorly	36	0.7%	0.72	SD
3 =	Adequately	531	9.9%		
4 =	Well	1645	30.8%		
5 =	Very well	3111	58.3%		

Understanding and Organizing Subject Matter for Student Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

O Dovolon gurrigulum to too	ach contant standards offsetively	5142	93.9%		
9. Develop curriculum to tea	ach content standards effectively	DNR 334	6.1%		
1 =	Not at all	21	0.4%	4.28	Mean
2 =	Poorly	122	2.4%	0.83	SD
3 =	Adequately	764	14.9%		
4 =	Well	1747	34.0%		
5 =	Very well	2488	48.4%		
10. Use effective instruction	al strategies to teach specific subject matter and	5154	94.1%		
skills		DNR 322	5.9%		
1 =	Not at all	8	0.2%	4.37	Mean
2 =	Poorly	72	1.4%	0.76	SD
3 =	Adequately	625	12.1%		
4 =	Well	1774	34.4%		
5 =	Very well	2675	51.9%		
11. Select, adapt, and deve	lop materials, resources, and technologies to	5142	93.9%		
make subject matter access	ible to all students	DNR 334	6.1%		
1 =	Not at all	14	0.3%	4.27	Mean
2 =	Poorly	89	1.7%	0.81	SD
3 =	Adequately	821	16.0%		
4 =	Well	1765	34.3%		
5 =	Very well	2453	47.7%		

Planning Instruction and Designing Learning Experiences for All Students

How well did your teacher preparation program prepare you to do each of the following as a teacher?

12. Plan instruction based o	n students' prior knowledge, academic readiness,	5140	93.9%		
language proficiency, cultur	al background, and individual development	DNR 336	6.1%		
1 =	Not at all	10	0.2%	4.40	Mean
2 =	Poorly	47	0.9%	0.74	SD
3 =	Adequately	602	11.7%		
4 =	Well	1700	33.1%		
5 =	Very well	2781	54.1%		

Statewide Results

Total survey respondents: 5476 Response rate: 97.3 %

13. Plan and adapt instruction that incorporates appropriate strategies,		5146	94.0%
resources and technologies	to meet the learning needs of all students	DNR 330	6.0%
1 =	Not at all	7	0.1%
2 =	Poorly	57	1.1%
3 =	Adequately	620	12.0%
4 =	Well	1755	34.1%
5 =	Very well	2707	52.6%

4.38 *Mean* 0.75 *SD*

Date: 10/15/2018

Assessing Students for Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

14. Develop and use assessment data from a variety of sources to establish learning goals and to plan, differentiate, and modify instruction	5130 DNR <i>346</i>	93.7% 6.3%		
1 = Not at all	20	0.4%	4.25	Mean
2 = Poorly	121	2.4%	0.83	SD
3 = Adequately	809	15.8%		
4 = Well	1802	35.1%		
5 = Very well	2378	46.4%		
15. Involve all students in self-assessment, goal setting, and monitoring	5133	93.7%		
progress	DNR 343	6.3%		
1 = Not at all	25	0.5%	4.18	Mean
2 = Poorly	147	2.9%	0.86	SD
3 = Adequately	953	18.6%		
4 = Well	1773	34.5%		
5 = Very well	2235	43.5%		
16. Cive musdoshive feedback to shodente to quide their learning	5127	93.6%		
16. Give productive feedback to students to guide their learning	DNR 349	6.4%		
1 = Not at all	18	0.4%	4.30	Mean
2 = Poorly	80	1.6%	0.80	SD
3 = Adequately	739	14.4%		
4 = Well	1806	35.2%		
5 = Very well	2484	48.4%		

Developing as a Professional Educator

How well did your teacher preparation program prepare you to do each of the following as a teacher?

17. Evaluate the effects of y	your actions on student learning and modify plans	5026	91.8%		
accordingly		DNR 450	8.2%		
1 =	Not at all	20	0.4%	4.28	Mean
2 =	Poorly	83	1.7%	0.81	SD
3 =	Adequately	771	15.3%		
4 =	Well	1749	34.8%		
5 =	Very well	2403	47.8%		
18. Work with families to be	etter understand students and to support their	5039	92.0%		
learning		DNR 437	8.0%		
1 =	Not at all	58	1.2%	4.01	Mean
2 =	Poorly	253	5.0%	0.95	SD
3 =	Adequately	1161	23.0%		
4 =	Well	1699	33.7%		
5 =	Very well	1868	37.1%		

Total survey respondents: 5476 Response rate: 97.3 %

40 W 1 31 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1	5035	91.9%	
19. Work with colleagues to improve instruction	DNR 441	8.1%	
1 = Not at all	34	0.7%	4.23 Mean
2 = Poorly	141	2.8%	0.87 SD
3 = Adequately	845	16.8%	
4 = Well	1651	32.8%	
5 = Very well	2364	47.0%	

Content for Multiple Subjects

How well did your preparation program prepare you to teach each of the following subjects:

		5050	92.2%		
20. English Literacy/La	nguage Arts	DNR 426	7.8%		
	1 = Not at all	11	0.2%	4.36	Mean
	2 = Poorly	82	1.6%	0.78	
	3 = Adequately	620	12.3%		
	4 = Well	1683	33.3%		
	5 = Very well	2654	52.6%		
21. Mathematics		5047	92.2%		
221 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		DNR 429	7.8%		
	1 = Not at all	26	0.5%		Mean
	2 = Poorly	132	2.6%	0.85	SD
	3 = Adequately	802	15.9%		
	4 = Well	1651	32.7%		
	5 = Very well	2436	48.3%		
		5027	02.00/		
22. Science		5037	92.0%		
		DNR 439	8.0%		
	1 = Not at all	55	1.1%		Mean
	2 = Poorly	228	4.5%	0.94	SD
	3 = Adequately	1094	21.7%		
	4 = Well	1730	34.3%		
	5 = Very well	1930	38.3%		
		5026	91.8%		
23. History/Social Stud	es	DNR 450	8.2%		
	1 = Not at all	68	1.4%	4.00	Mean
	2 = Poorly	229	4.6%	0.95	
	3 = Adequately	1149	22.9%		30
	4 = Well	1747	34.8%		
	5 = Very well	1833	36.5%		
	3				
		5006	91.4%		
24. Creative/Fine arts		DNR 470	8.6%		
	1 = Not at all	175	3.5%	3.75	Mean
	2 = Poorly	414	8.3%	1.07	
	3 = Adequately	1367	27.3%		
	4 = Well	1579	31.5%		
	5 = Very well	1471	29.4%		

Statewide Results

Total survey respondents: 5476 Response rate: 97.3 %

OF Dharing Education (Horalth		4979	90.9%
25. Physical Education/Heal	cn 	DNR 497	9.1%
1 =	Not at all	233	4.7%
2 =	Poorly	454	9.1%
3 =	Adequately	1446	29.0%
4 =	Well	1451	29.1%
5 =	Very well	1395	28.0%

3.67	Mean
1.12	SD

Field Experiences

26. Which of the following best describes the kind of clinical experience you		5090	93.0%
had during your preparation (check	all that apply):	DNR 386	7.0%
Student	teaching with a cooperating teacher	3830	69.9%
	g fellow or intern in a program where I served ner of record while taking courses for my		
Credent	iai	1139	20.8%
	g on an emergency credential [PIP/ STP] while courses for my credential	356	6.5%

5053 92.3% 27. How often did preparation program faculty or staff communicate with you in person or by other means about your teaching practice? DNR 423 7.7% 1 = Less than once per month 172 3.4% 2 = Once per month 473 9.4% 1051 20.8% Twice per month 1762 34.9% Once per week 2-3 times per week 1238 24.5% 7.1% 357

6 = Daily

6 = More than 20 times

5 = Strongly Agree

3.89	Mean
1.19	SD

28. How often did preparation program faculty or supervisors observe your		5040	92.0%
		DNR 436	8.0%
1 =	Once or twice	117	2.3%
2 =	3-5 times	878	17.4%
3 =	6-10 times	1968	39.0%
4 =	11-15 times	1016	20.2%
5 =	16-20 times	575	11.4%

3.50	Mean
1.24	SD

486

1346

9.6%

26.7%

29. My field experiences helped me integrate and apply the major ideas		5047	92.2%	
developed through program	coursework	DNR 429	7.8%	
1 =	Strongly Disagree	1553	30.8%	
2 =	Disagree	1053	20.9%	
3 =	Neutral	251	5.0%	
4 =	Agree	844	16.7%	

2.88	Mean
1.63	SD

Total survey respondents: 5476 Response rate: 97.3 %

	eacher	(s) (select all t	hat apply):	4934	90.1%		
				DNR 542	9.9%		
		Frequently obse	erved my teaching and met with me to	4161	76.0%		
		Was an exceller	nt educator and a valuable role model	4226	77.2%		
		Modeled effective	ve practices	4219	77.0%		
		Helped me plan	and organize curriculum materials	3971	72.5%		
		Offered useful s	trategies and advice about my teaching	4450	81.3%		
		Helped me refle	ct on my practice	4119	75.2%		
		Helped me to so	olve teaching problems	4088	74.7%		
		Was knowledge for field-based a	able about and able to provide support assignments	4056	74.1%		
				4205	90 10/		
,		,	spend in student teaching (in the rt of your supervised fieldwork?	4385 DNR1091	80.1% 19.9%		
iassiouiii oi a coope			<u> </u>			2 74	
	_	Less than 100 h		80	2.0%		Mea
	_	100 - 299 hours		364	9.3%	1.02	SD
	•			1103	28.1%		
	· ·	600 - 799 hours		1321	33.7%		
	5 =	800 hours or m		1057	26.9%		
			This question does not apply to me because I did not do any student teaching. $_{st}$	460			
32 Annroximately h	ow muc	h time did vou	spend in <i>an internship</i>	2721	49.7%		
placement as teach		•	•	DNR2755	50.3%		
	1 =	Less than 100 h	ours	26	2.1%	4.28	Mea
	2	100 - 299 hours	5	87	7.0%	1.09	
	2 =				. = . =		
	_	300 - 599 hours		191	15.3%		
	3 =	300 - 599 hours		191 145	15.3%		
	3 = 4 =		5				

assigned mentor observe your classroom instruction and provide feedback		2707	49.4%
and assistance during your clinical practice?			50.6%
1 =	Once or twice	98	8.2%
2 =	3-5 times	208	17.4%
3 =	6-10 times		23.4%
4 =	11-15 times	198	16.6%
5 =	5 = 16-20 times		11.6%
6 =	6 = More than 20 times		22.8%
	Does not apply/I was not in an internship *	1511	_

Total survey respondents: 5476 Response rate: 97.3 %

Content for Multiple Subjects: English Language Arts

34. In your teacher preparation program, how much opportunity did you have to do each of the following?

	4891	89.3%		
a) Learn ways to teach decoding skills	DNR 585	10.7%		
1 = None	107	2.2%	3.79	Mean
2 = Touched on it Briefly	513	10.5%	1.04	
3 = Spent Time Discussing or Doing	1089	22.3%		
4 = Explored in Some Depth	1797	36.7%		
5 = Extensive Opportunity	1385	28.3%		
	1001	22.22/		
b) Learn ways to build student interest and motivation to read	4891 DNR 585	89.3% 10.7%		
1 = None	26	0.5%	4.10	Mean
2 = Touched on it Briefly	246	5.0%	0.91	SD
3 = Spent Time Discussing or Doing	909	18.6%		
4 = Explored in Some Depth	1737	35.5%		
5 = Extensive Opportunity	1973	40.3%		
c) Learn how to help students make predictions to improve comprehension	4879	89.1%		
	DNR 597	10.9%		
1 = None	40	0.8%		Mean
2 = Touched on it Briefly	271	5.6%	0.93	SD
3 = Spent Time Discussing or Doing	927	19.0%		
4 = Explored in Some Depth	1761	36.1%		
5 = Extensive Opportunity	1880	38.5%		
	4858	88 7%		
d) Learn how to support older students in learning to read	4858 DNR 618	88.7% 11.3%		
·		88.7% 11.3% 4.0%	3.67	Mean
1 = None	DNR 618	11.3%		Mean SD
·	DNR 618 193	11.3% 4.0%	3.67 1.12	
1 = None 2 = Touched on it Briefly	DNR 618 193 609	11.3% 4.0% 12.5%		
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing	DNR 618 193 609 1158	11.3% 4.0% 12.5% 23.8%		
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth	DNR 618 193 609 1158 1552	11.3% 4.0% 12.5% 23.8% 31.9%		
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or	DNR 618 193 609 1158 1552	11.3% 4.0% 12.5% 23.8% 31.9%		
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity	193 609 1158 1552 1346	11.3% 4.0% 12.5% 23.8% 31.9% 27.7%	1.12	SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or	DNR 618 193 609 1158 1552 1346	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 0.7%	4.09	SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities	DNR 618 193 609 1158 1552 1346 4877 DNR 599	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9%	1.12	SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities 1 = None The sheet on it Briefly	DNR 618 193 609 1158 1552 1346 4877 DNR 599 36	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 0.7%	4.09	SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities 1 = None 2 = Touched on it Briefly	DNR 618 193 609 1158 1552 1346 4877 DNR 599 36 267	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 0.7% 5.5%	4.09	SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities 1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing	DNR 618 193 609 1158 1552 1346 4877 DNR 599 36 267 900	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 0.7% 5.5% 18.5%	4.09	SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities 1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth	DNR 618 193 609 1158 1552 1346 4877 DNR 599 36 267 900 1681 1993	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 5.5% 18.5% 34.5% 40.9%	4.09	SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities 1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth	DNR 618 193 609 1158 1552 1346 4877 DNR 599 36 267 900 1681 1993 4882	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 0.7% 5.5% 18.5% 34.5% 40.9%	4.09	SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities 1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity f) Learn how to activate students' prior knowledge	DNR 618 193 609 1158 1552 1346 4877 DNR 599 36 267 900 1681 1993 4882 DNR 594	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 5.5% 18.5% 40.9% 89.2% 10.8%	4.09 0.93	Mean SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities 1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity f) Learn how to activate students' prior knowledge 1 = None Touched on it Briefly	DNR 618 193 609 1158 1552 1346 4877 DNR 599 36 267 900 1681 1993 4882 DNR 594 13	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 5.5% 18.5% 34.5% 40.9% 89.2% 10.8% 0.3%	4.09 0.93	Mean SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities 1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity f) Learn how to activate students' prior knowledge 1 = None 2 = Touched on it Briefly	DNR 618 193 609 1158 1552 1346 4877 DNR 599 36 267 900 1681 1993 4882 DNR 594 13 103	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 5.5% 18.5% 34.5% 40.9% 89.2% 10.8% 0.3% 2.1%	4.09 0.93	Mean SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities 1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity f) Learn how to activate students' prior knowledge 1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 5 = Touched on it Briefly 5 = Touched on it Briefly 5 = Spent Time Discussing or Doing	DNR 618 193 609 1158 1552 1346 4877 DNR 599 36 267 900 1681 1993 4882 DNR 594 13 103 652	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 0.7% 5.5% 18.5% 40.9% 89.2% 10.8% 0.3% 2.1% 13.4%	4.09 0.93	Mean SD
1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity e) Learn ways to teach reading and writing to students at different stages or reading abilities 1 = None 2 = Touched on it Briefly 3 = Spent Time Discussing or Doing 4 = Explored in Some Depth 5 = Extensive Opportunity f) Learn how to activate students' prior knowledge 1 = None 2 = Touched on it Briefly	DNR 618 193 609 1158 1552 1346 4877 DNR 599 36 267 900 1681 1993 4882 DNR 594 13 103	11.3% 4.0% 12.5% 23.8% 31.9% 27.7% 89.1% 10.9% 5.5% 18.5% 34.5% 40.9% 89.2% 10.8% 0.3% 2.1%	4.09 0.93	Mean SD

Total survey respondents: 5476 Response rate: 97.3 %

g) Listen to an individual ch	nild read aloud for the purpose of assessing	4885	89.2%		
his/her reading achievement	nt	DNR 591	10.8%		
1 =	None	58	1.2%	4.20	Mean
2 =	Touched on it Briefly	200	4.1%	0.92	SD
3 =	Spent Time Discussing or Doing	746	15.3%		
4 =	Explored in Some Depth	1581	32.4%		
5 =	Extensive Opportunity	2300	47.1%		
13.51		4883	89.2%		
h) Plan and teach a guided	reading lesson	DNR 593	10.8%		
1 =	None	79	1.6%	4.18	Mean
2 =	Touched on it Briefly	231	4.7%	0.97	SD
3 =	Spent Time Discussing or Doing	752	15.4%		
4 =	Explored in Some Depth	1480	30.3%		
5 =	Extensive Opportunity	2341	47.9%		
		4885	89.2%		
i) Learn to teach students t	o organize their ideas prior to writing	DNR 591	10.8%		
1 =	None	61	1.2%	4 08	Mean
2 =	T	282	5.8%	0.97	
_	Court Time Discussion on Daine	893	18.3%	0.57	SD
3 =	Explored in Some Depth	1617	33.1%		
4 =	Fitter sites Open set with	2032	41.6%		
5 =	Extensive Opportunity	2032	41.070		
		4000	00.00/		
	essment results to address student needs and	4883	89.2%		
improve your teaching		DNR 593	10.8%	1.10	
1 =		33	0.7%		Mean
2 =	·	205	4.2%	0.90	SD
3 =	Spent Time Discussing or Doing	802	16.4%		
4 =	Explored in Some Depth	1658	34.0%		
5 =	Extensive Opportunity	2185	44.7%		
k) Practice what you learne	d about teaching reading in your field experiences	4877	89.1%		
k) Tractice what you rearrie					
		DNR 599	10.9%		
1 =	News	DNR 599	0.8%		Mean
1 = 2 =	None			4.24 0.90	
	None Touched on it Briefly	39	0.8%		
2 =	None Touched on it Briefly	39 185	0.8%		
2 = 3 =	None Touched on it Briefly Spent Time Discussing or Doing Explored in Some Depth	39 185 737	0.8% 3.8% 15.1%		
2 = 3 = 4 =	None Touched on it Briefly Spent Time Discussing or Doing Explored in Some Depth	39 185 737 1501	0.8% 3.8% 15.1% 30.8%		
2 = 3 = 4 = 5 =	None Touched on it Briefly Spent Time Discussing or Doing Explored in Some Depth Extensive Opportunity	39 185 737 1501	0.8% 3.8% 15.1% 30.8%		
2 = 3 = 4 =	None Touched on it Briefly Spent Time Discussing or Doing Explored in Some Depth Extensive Opportunity	39 185 737 1501 2415	0.8% 3.8% 15.1% 30.8% 49.5%		
2 = 3 = 4 = 5 =	None Touched on it Briefly Spent Time Discussing or Doing Explored in Some Depth Extensive Opportunity reading/language arts	39 185 737 1501 2415	0.8% 3.8% 15.1% 30.8% 49.5%	0.90	SD
2 = 3 = 4 = 5 = 1) Study state standards for	None Touched on it Briefly Spent Time Discussing or Doing Explored in Some Depth Extensive Opportunity reading/language arts None	39 185 737 1501 2415 4881 DNR 595	0.8% 3.8% 15.1% 30.8% 49.5% 89.1%	0.90	SD
2 = 3 = 4 = 5 = 1) Study state standards for 1 =	None Touched on it Briefly Spent Time Discussing or Doing Explored in Some Depth Extensive Opportunity reading/language arts None	39 185 737 1501 2415 4881 DNR 595	0.8% 3.8% 15.1% 30.8% 49.5% 89.1% 10.9% 0.7%	0.90	SD
2 = 3 = 4 = 5 = I) Study state standards for 1 = 2 = 2 = 1	None Touched on it Briefly Spent Time Discussing or Doing Explored in Some Depth Extensive Opportunity reading/language arts None Touched on it Briefly Spent Time Discussing or Doing	39 185 737 1501 2415 4881 DNR 595 33 175	0.8% 3.8% 15.1% 30.8% 49.5% 89.1% 10.9% 0.7% 3.6%	0.90	SD
2 = 3 = 4 = 5 = I) Study state standards for 1 = 2 = 3 = 3 =	None Touched on it Briefly Spent Time Discussing or Doing Explored in Some Depth Extensive Opportunity reading/language arts None Touched on it Briefly Spent Time Discussing or Doing Explored in Some Depth	39 185 737 1501 2415 4881 DNR 595 33 175 692	0.8% 3.8% 15.1% 30.8% 49.5% 89.1% 10.9% 0.7% 3.6% 14.2%	0.90	SD

Total survey respondents: 5476 Response rate: 97.3 %

m) Study, critique or adapt reading curriculum materials		4873	89.0%	
m) Study, critique or adapt	reading curriculum materials	DNR 603	11.0%	
1 =	None	103	2.1%	4.0
2 =	Touched on it Briefly	329	6.8%	1.0
3 =	Spent Time Discussing or Doing	903	18.5%	
4 =	Explored in Some Depth	1619	33.2%	
5 =	Extensive Opportunity	1919	39.4%	

4.01 **Mean**1.02 **SD**

Date: 10/15/2018

Content for Multiple Subjects: Mathematics

35. In your teacher preparation program, how much opportunity did you have to do each of the following?

		4050	00 70/		
a) Learn typical difficulties	students have with place value	4858 DNR 618	88.7%		
	None	321	6.6%	2.65	
	None	587			Mean
=	Touched on it Briefly		12.1%	1.21	SD
_	Spent Time Discussing or Doing	1042	21.4%		
·	Explored in Some Depth	1443	29.7%		
5 =	Extensive Opportunity	1465	30.2%		
		4818	88.0%		
b) Learn typical difficulties	students have with fractions	DNR 658	12.0%		
1 =	None	335	7.0%	3.63	Mean
2 =	Touched on it Briefly	635	13.2%	1.24	
3 =	Spent Time Discussing or Doing	1009	20.9%		
4 =	Explored in Some Depth	1329	27.6%		
5 =	Extensive Opportunity	1510	31.3%		
	., geometric representation, graphs, number	4856	88.7%		
lines) to show explicitly why	a procedure works	DNR 620	11.3%		
1 =	None	211	4.3%	3.85	Mean
2 =	Touched on it Briefly	459	9.5%	1.14	SD
3 =	Spent Time Discussing or Doing	945	19.5%		
4 =	Explored in Some Depth	1459	30.0%		
5 =	Extensive Opportunity	1782	36.7%		
		4050	00.70/		
d) Prove that a solution is v	alid or that a method works for all similar cases	4858	88.7%		
•		DNR 618	11.3%		
-	None	234	4.8%		Mean
2 =		495	10.2%	1.15	SD
3 =	Spent Time Discussing or Doing	1011	20.8%		
4 =	Explored in Some Depth	1540	31.7%		
5 =	Extensive Opportunity	1578	32.5%		
		4864	88.8%		
e) Study, critique, or adapt	math curriculum materials	DNR 612	11.2%		
1 =	None	160	3.3%	3.89	Mean
=	Touched on it Briefly	416	8.6%	1.10	
	Spent Time Discussing or Doing	1009	20.7%		
· ·	Explored in Some Depth	1487	30.6%		
·	Extensive Opportunity	1792	36.8%		
3 –					

Total survey respondents: 5476 Response rate: 97.3 %

	4872	89.0%		
f) Learn how to facilitate math learning for students in small groups	DNR 604	11.0%		
1 = None	128	2.6%	3.99	Mean
2 = Touched on it Briefly	377	7.7%	1.07	
3 = Spent Time Discussing or Doing	913	18.7%		
4 = Explored in Some Depth	1462	30.0%		
5 = Extensive Opportunity	1992	40.9%		
g) Adapt math lessons for students with diverse needs and learning styles	4869	88.9%		
g) Adapt math lessons for students with diverse needs and learning styles	DNR 607	11.1%		
1 = None	91	1.9%	4.03	Mean
2 = Touched on it Briefly	375	7.7%	1.04	SD
3 = Spent Time Discussing or Doing	883	18.1%		
4 = Explored in Some Depth	1480	30.4%		
5 = Extensive Opportunity	2040	41.9%		
	4861	88.8%		
h) Practice what you learned about teaching math in your field experience	DNR 615	11.2%		
1 = None	91	1.9%	4.15	Mear
2 = Touched on it Briefly	262	5.4%	1.00	
3 = Spent Time Discussing or Doing	781	16.1%		
4 = Explored in Some Depth	1406	28.9%		
5 = Extensive Opportunity	2321	47.7%		
	4869	88.9%		
i) Study national or state standards for mathematics	DNR 607	11.1%		
1 = None	79	1.6%	4.11	Mean
2 = Touched on it Briefly	307	6.3%	1.00	
3 = Spent Time Discussing or Doing	796	16.3%		
4 = Explored in Some Depth	1511	31.0%		
5 = Extensive Opportunity	2176	44.7%		
	4845	88.5%		
j) Review local district mathematics curriculum		11.5%		
1 = None	DNR 631 341	7.0%	3.74	Mear
2 = Touched on it Briefly	545	11.2%	1.25	
3 = Spent Time Discussing or Doing	885	18.3%	1.23	עכ
4 = Explored in Some Depth	1324	27.3%		
5 = Extensive Opportunity	1750	36.1%		
	1/30	JU. 1 /U		

General

•	was your teacher preparation program at pols you needed to become a teacher?	4814 DNR 662	87.9% <i>12.1%</i>		
1 =	Not at all effective	37	0.8%	3.44	Mean
2 =	Somewhat effective	427	8.9%	0.69	SD
3 =	Effective	1719	35.7%		
4 =	Very effective	2631	54.7%		

Total survey respondents: 5476 Response rate: 97.3 %

Demographics

27. Ave vev Hieronia en Latine?	4840	88.4%
37. Are you Hispanic or Latino?		11.6%
No, not Hispanic or Latino	3365	69.5%
Yes, Hispanic or Latino	1475	30.5%

4148 75.7% 38. What is your race? Mark all that apply DNR1328 24.3% American Indian or Alaska Native 179 3.3% Chinese 151 2.8% Japanese 88 1.6% Korean 84 1.5% Vietnamese 52 0.9% Asian Indian 46 0.8% Laotian 6 0.1% Cambodian 4 0.1% Filipino 163 3.0% Hmong 24 0.4% Other Asian 50 0.9% Black or African American 177 3.2% Hawaiian 0.3% 0.1% Guamanian 6 Samoan 7 0.1% Tahitian 0.0% 1 Other Pacific Islander 0.6%

39. What is your gender?

White

	4852	88.6%
	DNR 624	11.4%
Female	4190	86.4%
Male	595	12.3%
Decline to state	67	1.4%

31

63.5%

Date: 10/15/2018

3479

Response Rate by IHE (Statewide completion rate is 97.3 %)

# Survey Requests Made	Comple	of Program ters who onded	Name of Institution
31	30	96.77 %	ALLIANT INTERNATIONAL UNIVERSITY
20	19	95 %	ANTIOCH UNIVERSITY
77	74	96.1 %	AZUSA PACIFIC UNIVERSITY
41	37	90.24 %	BAY AREA SCHOOL OF ENTERPRISE (REACH INSTITUTE)
57	57	100 %	BIOLA UNIVERSITY
156	150	96.15 %	BRANDMAN UNIVERSITY
54	52	96.3 %	CALIFORNIA BAPTIST UNIVERSITY
36	33	91.67 %	CALIFORNIA LUTHERAN UNIVERSITY
78	77	98.72 %	CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO
86	79	91.86 %	CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
154	153	99.35 %	CALIFORNIA STATE UNIVERSITY, BAKERSFIELD
36	36	100 %	CALIFORNIA STATE UNIVERSITY, CHANNEL ISLANDS
86	82	95.35 %	CALIFORNIA STATE UNIVERSITY, CHICO
68	66	97.06 %	CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS
118	117	99.15 %	CALIFORNIA STATE UNIVERSITY, EAST BAY
190	187	98.42 %	CALIFORNIA STATE UNIVERSITY, FRESNO
124	122	98.39 %	CALIFORNIA STATE UNIVERSITY, FULLERTON
281	279	99.29 %	CALIFORNIA STATE UNIVERSITY, LONG BEACH
115	114	99.13 %	CALIFORNIA STATE UNIVERSITY, LOS ANGELES
75	74	98.67 %	CALIFORNIA STATE UNIVERSITY, MONTEREY BAY
32	32	100 %	CALIFORNIA STATE UNIVERSITY, NORTHRIDGE
24	23	95.83 %	CALIFORNIA STATE UNIVERSITY, SACRAMENTO
109	105	96.33 %	CALIFORNIA STATE UNIVERSITY, SAN BERNARDINO
93	91	97.85 %	CALIFORNIA STATE UNIVERSITY, SAN MARCOS
87	85	97.7 %	CALIFORNIA STATE UNIVERSITY, STANISLAUS
692	688	99.42 %	CALSTATE TEACH
48	47	97.92 %	CHAPMAN UNIVERSITY
10	9	90 %	CLAREMONT GRADUATE UNIVERSITY
34	33	97.06 %	CONCORDIA UNIVERSITY IRVINE
23	22	95.65 %	DOMINICAN UNIVERSITY OF CALIFORNIA
64	64	100 %	FRESNO PACIFIC UNIVERSITY
8	8	100 %	HEBREW UNION COLLEGE
12	10	,,	HIGH TECH HIGH
6	5	83.33 %	HOLY NAMES UNIVERSITY
9	9	100 %	HOPE INTERNATIONAL UNIVERSITY
6	5	,,,	HUMBOLDT STATE UNIVERSITY
3	3	100 %	HUMPHREYS UNIVERSITY
3	3	100 %	LA SIERRA UNIVERSITY
19	17	, ,	LOS ANGELES UNIFIED SCHOOL DISTRICT
208	201	96.63 %	LOYOLA MARYMOUNT UNIVERSITY
19	19	100 %	MILLS COLLEGE
8	7	87.5 %	MOUNT SAINT MARY'S UNIVERSITY
11	11	100 %	MT. DIABLO UNIFIED SCHOOL DISTRICT
281	270	96.09 %	NATIONAL UNIVERSITY

Response Rate by IHE (Statewide completion rate is 97.3 %)

# Survey Requests Made	Comple	of Program ters who onded	Name of Institution
31			NOTRE DAME DE NAMUR UNIVERSITY
10	29	93.55 %	PACIFIC OAKS COLLEGE
		. •	PACIFIC UNION COLLEGE
6	6	100 %	
34	31	91.18 %	PEPPERDINE UNIVERSITY
91	89	97.8 %	POINT LOMA NAZARENE UNIVERSITY
24	23	95.83 %	SACRAMENTO COUNTY OFFICE OF EDUCATION
10	9	90 %	SAN DIEGO CHRISTIAN COLLEGE
146	146	100 %	SAN DIEGO STATE UNIVERSITY
54	54	100 %	SAN FRANCISCO STATE UNIVERSITY
14	14	100 %	SAN IOSE STATE UNIVERSITY
119 35	119	100 %	SAN JOSE STATE UNIVERSITY SANTA CLARA UNIVERSITY
		94.29 %	
37	35	94.59 %	SIMPSON UNIVERSITY
71 54	69 E1	97.18 %	SONOMA STATE UNIVERSITY ST. MARY'S COLLEGE OF CALIFORNIA
22	51 19	94.44 %	STANFORD UNIVERSITY
78	71	86.36 %	TEACHERS COLLEGE OF SAN JOAQUIN
12	12	91.03 %	THE MASTER'S UNIVERSITY
15	15	100 %	TOURO UNIVERSITY
34	34	100 % 100 %	TULARE COUNTY OFFICE OF EDUCATION
15	14	93.33 %	UNIVERSITY OF CALIFORNIA, BERKELEY
73	70	95.89 %	UNIVERSITY OF CALIFORNIA, DAVIS
61	59	96.72 %	UNIVERSITY OF CALIFORNIA, IRVINE
56	52	92.86 %	UNIVERSITY OF CALIFORNIA, LOS ANGELES
40	39	97.5 %	UNIVERSITY OF CALIFORNIA, RIVERSIDE
39		89.74 %	UNIVERSITY OF CALIFORNIA, SAN DIEGO
35		97.14 %	UNIVERSITY OF CALIFORNIA, SANTA BARBARA
23	22	95.65 %	UNIVERSITY OF CALIFORNIA, SANTA CRUZ
82		98.78 %	UNIVERSITY OF LA VERNE
84	84	100 %	UNIVERSITY OF PHOENIX
137		97.81 %	UNIVERSITY OF REDLANDS
37	36	97.3 %	UNIVERSITY OF SAN DIEGO
71	66	92.96 %	UNIVERSITY OF SAN FRANCISCO
41		95.12 %	UNIVERSITY OF SOUTHERN CALIFORNIA
74		95.95 %	UNIVERSITY OF THE PACIFIC
21		95.24 %	VANGUARD UNIVERSITY
71		97.18 %	WESTERN GOVERNORS UNIVERSITY
13		92.31 %	WESTMONT COLLEGE
14	13	92.86 %	WHITTIER COLLEGE
54		98.15 %	WILLIAM JESSUP UNIVERSITY